

EAST Search History

| Ref # | Hits | Search Query | DBs | Default Operator | Plurals | Time Stamp |
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| S1 | 356 | (715/523).CCLS. | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2006/05/24 09:43 |
| S2 | 127 | ((("6583514") or ("4514800") or ("4674040") or ("4734777") or ("4815029") or ("4933880") or ("4962475") or ("5072412") or ("5187786") or ("5191645") or ("5204947") or ("5206951") or ("5237680") or ("5249275") or ("5274803") or ("5297249") or ("5297283") or ("5313646") or ("5333317") or ("5339423") or ("5339424") or ("5341478") or ("5369766") or ("5369778") or ("5377323") or ("5381547") or ("5408665") or ("5410688") or ("5434975).pn.") or ("5440744") or ("5446842") or ("5459865") or ("5481722") or ("5504898") or ("5517655") or ("5535389") or ("5542070") or ("5550976") or ("5551035") or ("5572643") or ("5577252") or ("5581686") or ("5581760") or ("5608720") or ("5634121") or ("5640544") or ("5659729") or ("5664178") or ("5682536") or ("5689703") or ("5706501") or ("5740439") or ("5745683") or ("5758184") or ("5758358") or ("5761683") or ("5764984).pn.") or ("5778372") or ("5781555") or ("5802304") or ("5815830") or ("5838906") or ("5842018") or ("5854630") or ("5963964") or ("5987480") or ("6016520).pn.")),PN. | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2005/11/14 15:40 |

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| S3 | 261 | (((("6026379") or ("6026416") or ("6044205") or ("6072870") or ("6078326") or ("6098081") or ("6108637") or ("6163772") or ("6235027") or ("6369840") or ("6421070") or ("6476833") or ("6493702") or ("6560640") or ("6578144") or ("6631357") or ("6678717") or ("6774926") or ("6772139") or ("6751777") or ("6748385") or ("5806079") or ("5991710") or ("6122647") or ("6343302") or ("6389434") or ("6434564") or ("6477544") or ("6581061") or ("6081610") or ("6094657") or ("6108783") or ("6167521") or ("6253374") or ("6263313") or ("6275227") or ("6275599") or ("6292897") or ("6311271") or ("6321334") or ("6345256") or ("6345361") or ("6366912") or ("6473800") or ("6505300") or ("6546546") or ("6578144") or ("6609200") or ("6643684") or ("6691230") or ("6697944") or ("6701434") or ("6711679") or ("6195661") or ("6502103") or ("6442755") or ("6668369") or ("4641274).pn") or ("4910663") or ("5195183") or ("5313631") or ("5390325") or ("5436637") or ("5572648") or ("5602996") or ("5627979") or ("5721824") or ("5742504") or ("5761408") or ("5764985") or ("5798757") or ("5826265") or ("5835777") or ("5845077") or ("5845090") or ("5859973") or ("5864819") or ("5907704") or ("5911776") or ("5922072") or ("5940075") or ("5950010") or ("5999740") or ("6014135") or ("6031989") or ("6052710") or ("6054987") or ("6078327") or ("6084585") or ("6091417") or ("6151624") or ("6199204).pn.") or ("6216152") or ("6219698") or ("6253366") or ("6266810") or ("6282711") or ("6286033") or ("6297819") or ("6308179") or ("6327628") or ("6347323") or ("6349408") or ("6353926") or ("6357038") or ("6374402") or ("6381742") or ("6381743") or ("6393456") or ("6396488") or ("6408311") or ("6421656") or ("6434563") or ("6446110") or ("6460058") or ("6505230") or ("6507856") or ("6516322")) | OR | OFF | 2005/11/14 15:41 |
| 5/27/2006 8:19:04 PM | C:\Documents and Settings\MOHIT\My Documents\EAST\Workspaces\10632437 | 20051114 437.wsp | | | Page 2 |

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|----|-----|----------|-------------------------------------------------------------------|-----|----|------------------|
| S4 | 388 | S2 OR S3 | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | AND | ON | 2005/11/15 09:05 |
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| S5 | 288 | (((("6476833") or ("6249844") or ("6347323") or ("5916310") or ("5754308") or ("5812864") or ("5890176") or ("5251273") or ("5806062") or ("6182080") or ("6507857") or ("6199081") or ("6418448") or ("6070175") or ("5592588") or ("5765006") or ("6105021") or ("6907565") or ("6453329") or ("5369778") or ("5699102") or ("6163844") or ("5991760") or ("6134552") or ("6199071") or ("6829745") or ("6940953") or ("6941511") or ("6691281") or ("5511193") or ("5542086") or ("6286033") or ("6397219") or ("6466940") or ("6931590") or ("6961849") or ("6083276") or ("5214696") or ("6073166") or ("6560616") or ("5801679") or ("6070185") or ("5181255") or ("5596700") or ("5659676") or ("5659791") or ("5758358") or ("5848426") or ("5852684") or ("5897650).pn.") or ("5900874") or ("5907835") or ("6016492") or ("6101283") or ("6124856") or ("6373598") or ("6457013") or ("5189610") or ("5740405") or ("6249786") or ("5251129") or ("5586329") or ("5261080") or ("6393456") or ("5225978") or ("5228121") or ("5446837") or ("5448691") or ("5850490") or ("6052198") or ("6349302") or ("6651069") or ("4969093") or ("5701451") or ("5710918") or ("5721908") or ("5745754") or ("5748805") or ("5752246") or ("5761663") or ("5793964") or ("5974441") or ("5978819") or ("6009436") or ("6021202") or ("6085196") or ("6094655") or ("6154754") or ("6209095") or ("6332135") or ("6336105") or ("6338050") or ("5553143") or ("5357631") or ("5355444") or ("5649408") or ("6175820") or ("5875443") or ("5970492") or ("6253193).pn.") or ("6341352") or ("6363488") or ("6389402") or ("6427140") or ("5909545") or ("6430563") or ("5784562") or ("6204851") or ("5995756") or ("6836857") or ("5781732") or ("6141008") or ("6151606") or ("4985302") or ("6269474") or ("6671853") or ("6684216") or ("6725426") | OR | OFF | 2005/11/15 06:22 |
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| S6 | 282 | (((("6847999") or ("6886169") or ("6901431") or ("6901441") or ("6907455") or ("6934740") or ("6938079") or ("6948133") or ("6952800") or ("6954896") or ("5838911") or ("6006279") or ("5845075") or ("5870767") or ("6088708") or ("5557720") or ("5790793") or ("5940846") or ("5991782") or ("6009459") or ("6061696") or ("6061696") or ("6065048") or ("6148312") or ("6157930") or ("6185584") or ("6199080") or ("6393442") or ("6396500") or ("6456305") or ("6715129") or ("6167441") or ("6324551") or ("6810392") or ("5553216") or ("5960383") or ("6052710") or ("6061695") or ("6061695") or ("6064977") or ("6565609") or ("6006228") or ("6189000") or ("6463440") or ("6487566") or ("6523062") or ("6589291") or ("6725231") or ("6792577") or ("6799299).pn.") or ("6874146") or ("6920607") or ("6931532") or ("6941459") or ("6950984") or ("6950985") or ("5680632") or ("5289578") or ("5537596") or ("6092100") or ("6854120") or ("5617518") or ("4875159") or ("5682468") or ("5903265") or ("5909568") or ("5910804") or ("5977966") or ("6031534") or ("6198487") or ("6198739") or ("6903845") or ("6480865") or ("6613098") or ("5671417") or ("5572668") or ("5940075") or ("6249794") or ("6880125") or ("6446256") or ("6226626") or ("6226626") or ("5511148") or ("5748807") or ("6047093") or ("6064994") or ("4319745") or ("4345314") or ("4513391") or ("4873426") or ("4964070") or ("5204811") or ("5311595") or ("5361134") or ("5388194") or ("5390262") or ("5428787") or ("5432899") or ("5459579") or ("5465299).pn.") or ("5490217") or ("5495565") or ("5530794") or ("5586235") or ("5598482") or ("5646744") or ("H001677") or ("5671428") or ("5685003") or ("5694494") or ("5701498") or ("5737740") or ("5781915") or ("5793903") or ("5800181") or ("5806078") or ("58709496") or ("5818966") | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2005/11/15 06:22 |
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| S7 | 567 | S5 OR S6 | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | AND | ON | 2005/11/15 06:23 |
| S8 | 2 | ("5784555").PN. | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2005/11/15 09:06 |
| S9 | 569 | S7 OR S8 | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | AND | ON | 2005/11/15 10:34 |
| S10 | 0 | (2001/0056429).CCLS. | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2005/11/15 10:35 |
| S11 | 2 | ("20010056429").PN. | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2005/11/15 10:35 |
| S12 | 14 | ((("20010056429") or (("20020032768") or (("20030158897") or (("20020026461") or (("20020057297") or (("20020174147") or (("20030120659")).PN. | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2005/11/15 10:37 |
| S13 | 583 | S9 OR S12 | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | AND | ON | 2005/11/15 11:02 |

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| S14 | 288 | (((("6476833") or ("6249844") or ("6347323") or ("5916310") or ("5754308") or ("5812864") or ("5890176") or ("5251273") or ("5806062") or ("6182080") or ("6507857") or ("6199081") or ("6418448") or ("6070175") or ("5592588") or ("5765006") or ("6105021") or ("6907565") or ("6453329") or ("5369778") or ("5699102") or ("6163844") or ("5991760") or ("6134552") or ("6199071") or ("6829745") or ("6940953") or ("6941511") or ("6691281") or ("5511193") or ("5542086") or ("6286033") or ("6397219") or ("6466940") or ("6931590") or ("6961849") or ("6083276") or ("5214696") or ("6073166") or ("6560616") or ("5801679") or ("6070185") or ("5181255") or ("5596700") or ("5659676") or ("5659791") or ("5758358") or ("5848426") or ("5852684") or ("5897650).pn.") or ("5900874") or ("5907835") or ("6016492") or ("6101283") or ("6124856") or ("6373598") or ("6457013") or ("5189610") or ("5740405") or ("6249786") or ("5251129") or ("5586329") or ("5261080") or ("6393456") or ("5225978") or ("5228121") or ("5446837") or ("5448691") or ("5850490") or ("6052198") or ("6349302") or ("6651069") or ("4969093") or ("5701451") or ("5710918") or ("5721908") or ("5745754") or ("5748805") or ("5752246") or ("5761663") or ("5793964") or ("5974441") or ("5978819") or ("6009436") or ("6021202") or ("6085196") or ("6094655") or ("6154754") or ("6209095") or ("6332135") or ("6336105") or ("6338050") or ("5553143") or ("5357631") or ("5355444") or ("5649408") or ("6175820") or ("5875443") or ("5970492") or ("6253193).pn.") or ("6341352") or ("6363488") or ("6389402") or ("6427140") or ("5909545") or ("6430563") or ("5784562") or ("6204851") or ("5995756") or ("6836857") or ("5781732") or ("6141008") or ("6151606") or ("4985302") or ("6269474") or ("6671853") or ("6684216") or ("6725426") | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2005/11/15 13:19 |
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| S15 | 282 | (((("6847999") or ("6886169") or ("6901431") or ("6901441") or ("6907455") or ("6934740") or ("6938079") or ("6948133") or ("6952800") or ("6954896") or ("5838911") or ("6006279") or ("5845075") or ("5870767") or ("6088708") or ("5557720") or ("5790793") or ("5940846") or ("5991782") or ("6009459") or ("6061696") or ("6061696") or ("6065048") or ("6148312") or ("6157930") or ("6185584") or ("6199080") or ("6393442") or ("6396500") or ("6456305") or ("6715129") or ("6167441") or ("6324551") or ("6810392") or ("5553216") or ("5960383") or ("6052710") or ("6061695") or ("6061695") or ("6064977") or ("6565609") or ("6006228") or ("6189000") or ("6463440") or ("6487566") or ("6523062") or ("6589291") or ("6725231") or ("6792577") or ("6799299).pn.") or ("6874146") or ("6920607") or ("6931532") or ("6941459") or ("6950984") or ("6950985") or ("5680632") or ("5289578") or ("5537596") or ("6092100") or ("6854120") or ("5617518") or ("4875159") or ("5682468") or ("5903265") or ("5909568") or ("5910804") or ("5977966") or ("6031534") or ("6198487") or ("6198739") or ("6903845") or ("6480865") or ("6613098") or ("5671417") or ("5572668") or ("5940075") or ("6249794") or ("6880125") or ("6446256") or ("6226626") or ("6226626") or ("5511148") or ("5748807") or ("6047093") or ("6064994") or ("4319745") or ("4345314") or ("4513391") or ("4873426") or ("4964070") or ("5204811") or ("5311595") or ("5361134") or ("5388194") or ("5390262") or ("5428787") or ("5432899") or ("5459579") or ("5465299).pn.") or ("5490217") or ("5495565") or ("5530794") or ("5586235") or ("5598482") or ("5646744") or ("H001677") or ("5671428") or ("5685003") or ("5694494") or ("5701498") or ("5737740") or ("5781915") or ("5793903") or ("5800181") or ("5806078") or ("5809496") or ("5818966") | OR | OFF | 2005/11/15 13:19 |
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| S16 | 567 | S14 OR S15 | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | AND | ON | 2005/11/15 13:19 |
| S17 | 2 | ("5784555").PN. | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2005/11/15 13:19 |
| S18 | 569 | S16 OR S17 | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | AND | ON | 2005/11/15 13:19 |
| S19 | 127 | ((("6583514") or ("4514800") or ("4674040") or ("4734777") or ("4815029") or ("4933880") or ("4962475") or ("5072412") or ("5187786") or ("5191645") or ("5204947") or ("5206951") or ("5237680") or ("5249275") or ("5274803") or ("5297249") or ("5297283") or ("5313646") or ("5333317") or ("5339423") or ("5339424") or ("5341478") or ("5369766") or ("5369778") or ("5377323") or ("5381547") or ("5408665") or ("5410688") or ("5434975").pn.) or ("5440744") or ("5446842") or ("5459865") or ("5481722") or ("5504898") or ("5517655") or ("5535389") or ("5542070") or ("5550976") or ("5551035") or ("5572643") or ("5577252") or ("5581686") or ("5581760") or ("5608720") or ("5634121") or ("5640544") or ("5659729") or ("5664178") or ("5682536") or ("5689703") or ("5706501") or ("5740439") or ("5745683") or ("5758184") or ("5758358") or ("5761683") or ("5764984").pn.) or ("5778372") or ("5781555") or ("5802304") or ("5815830") or ("5838906") or ("5842018") or ("5854630") or ("5963964") or ("5987480") or ("6016520").pn.)).PN. | OR | OFF | 2005/11/15 13:21 | |

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| S20 | 261 | (((("6026379") or ("6026416") or ("6044205") or ("6072870") or ("6078326") or ("6098081") or ("6108637") or ("6163772") or ("6235027") or ("6369840") or ("6421070") or ("6476833") or ("6493702") or ("6560640") or ("6578144") or ("6631357") or ("6678717") or ("6774926") or ("6772139") or ("6751777") or ("6748385") or ("5806079") or ("5991710") or ("6122647") or ("6343302") or ("6389434") or ("6434564") or ("6477544") or ("6581061") or ("6081610") or ("6094657") or ("6108783") or ("6167521") or ("6253374") or ("6263313") or ("6275227") or ("6275599") or ("6292897") or ("6311271") or ("6321334") or ("6345256") or ("6345361") or ("6366912") or ("6473800") or ("6505300") or ("6546546") or ("6578144") or ("6609200") or ("6643684") or ("6691230") or ("6697944") or ("6701434") or ("6711679") or ("6195661") or ("6502103") or ("6442755") or ("6668369") or ("4641274).pn") or ("4910663") or ("5195183") or ("5313631") or ("5390325") or ("5436637") or ("5572648") or ("5602996") or ("5627979") or ("5721824") or ("5742504") or ("5761408") or ("5764985") or ("5798757") or ("5826265") or ("5835777") or ("5845077") or ("5845090") or ("5859973") or ("5864819") or ("5907704") or ("5911776") or ("5922072") or ("5940075") or ("5950010") or ("5999740") or ("6014135") or ("6031989") or ("6052710") or ("6054987") or ("6078327") or ("6084585") or ("6091417") or ("6151624") or ("6199204).pn.") or ("6216152") or ("6219698") or ("6253366") or ("6266810") or ("6282711") or ("6286033") or ("6297819") or ("6308179") or ("6327628") or ("6347323") or ("6349408") or ("6353926") or ("6357038") or ("6374402") or ("6381742") or ("6381743") or ("6393456") or ("6396488") or ("6408311") or ("6421656") or ("6434563") or ("6446110") or ("6460058") or ("6505230") or ("6507856") or ("6516322") or | OR | OFF | 2005/11/15 13:21 |
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| S21 | 388 | S19 OR S20 | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | AND | ON | 2005/11/15 13:21 |
| S22 | 26 | S16 S21 | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | AND | ON | 2005/11/15 13:21 |
| S23 | 364 | (715/523).CCLS. | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2005/12/05 14:09 |
| S24 | 127 | ((("6583514") or ("4514800") or ("4674040") or ("4734777") or ("4815029") or ("4933880") or ("4962475") or ("5072412") or ("5187786") or ("5191645") or ("5204947") or ("5206951") or ("5237680") or ("5249275") or ("5274803") or ("5297249") or ("5297283") or ("5313646") or ("5333317") or ("5339423") or ("5339424") or ("5341478") or ("5369766") or ("5369778") or ("5377323") or ("5381547") or ("5408665") or ("5410688") or ("5434975").pn.") or ("(5440744") or ("5446842") or ("5459865") or ("5481722") or ("5504898") or ("5517655") or ("5535389") or ("5542070") or ("5550976") or ("5551035") or ("5572643") or ("5577252") or ("5581686") or ("5581760") or ("5608720") or ("5634121") or ("5640544") or ("5659729") or ("5664178") or ("5682536") or ("5689703") or ("5706501") or ("5740439") or ("5745683") or ("5758184") or ("5758358") or ("5761683") or ("5764984").pn.") or ("(5778372") or ("5781555") or ("5802304") or ("5815830") or ("5838906") or ("5842018") or ("5854630") or ("5963964") or ("5987480") or ("6016520).pn.)).PN. | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2005/12/05 14:09 |

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| S25 | 261 | (((("6026379") or ("6026416") or ("6044205") or ("6072870") or ("6078326") or ("6098081") or ("6108637") or ("6163772") or ("6235027") or ("6369840") or ("6421070") or ("6476833") or ("6493702") or ("6560640") or ("6578144") or ("6631357") or ("6678717") or ("6774926") or ("6772139") or ("6751777") or ("6748385") or ("5806079") or ("5991710") or ("6122647") or ("6343302") or ("6389434") or ("6434564") or ("6477544") or ("6581061") or ("6081610") or ("6094657") or ("6108783") or ("6167521") or ("6253374") or ("6263313") or ("6275227") or ("6275599") or ("6292897") or ("6311271") or ("6321334") or ("6345256") or ("6345361") or ("6366912") or ("6473800") or ("6505300") or ("6546546") or ("6578144") or ("6609200") or ("6643684") or ("6691230") or ("6697944") or ("6701434") or ("6711679") or ("6195661") or ("6502103") or ("6442755") or ("6668369") or ("4641274).pn") or ("4910663") or ("5195183") or ("5313631") or ("5390325") or ("5436637") or ("5572648") or ("5602996") or ("5627979") or ("5721824") or ("5742504") or ("5761408") or ("5764985") or ("5798757") or ("5826265") or ("5835777") or ("5845077") or ("5845090") or ("5859973") or ("5864819") or ("5907704") or ("5911776") or ("5922072") or ("5940075") or ("5950010") or ("5999740") or ("6014135") or ("6031989") or ("6052710") or ("6054987") or ("6078327") or ("6084585") or ("6091417") or ("6151624") or ("6199204).pn.") or ("6216152") or ("6219698") or ("6253366") or ("6266810") or ("6282711") or ("6286033") or ("6297819") or ("6308179") or ("6327628") or ("6347323") or ("6349408") or ("6353926") or ("6357038") or ("6374402") or ("6381742") or ("6381743") or ("6393456") or ("6396488") or ("6408311") or ("6421656") or ("6434563") or ("6446110") or ("6460058") or ("6505230") or ("6507856") or ("6516322")) | OR | OFF | 2005/12/05 14:09 |
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EAST Search History

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| S26 | 388 | S24 OR S25 | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | AND | ON | 2005/12/05 14:09 |
| S27 | 1 | S23 S26 | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | AND | ON | 2005/12/05 14:10 |

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| S28 | 289 | (((("6476833") or ("6249844") or ("6347323") or ("5916310") or ("5754308") or ("5812864") or ("5890176") or ("5251273") or ("5806062") or ("6182080") or ("6507857") or ("6199081") or ("6418448") or ("6070175") or ("5592588") or ("5765006") or ("6105021") or ("6907565") or ("6453329") or ("5369778") or ("5699102") or ("6163844") or ("5991760") or ("6134552") or ("6199071") or ("6829745") or ("6940953") or ("6941511") or ("6691281") or ("5511193") or ("5542086") or ("6286033") or ("6397219") or ("6466940") or ("6931590") or ("6961849") or ("6083276") or ("5214696") or ("6073166") or ("6560616") or ("5801679") or ("6070185") or ("5181255") or ("5596700") or ("5659676") or ("5659791") or ("5758358") or ("5848426") or ("5852684") or ("5897650).pn.") or ("5900874") or ("5907835") or ("6016492") or ("6101283") or ("6124856") or ("6373598") or ("6457013") or ("5189610") or ("5740405") or ("6249786") or ("5251129") or ("5586329") or ("5261080") or ("6393456") or ("5225978") or ("5228121") or ("5446837") or ("5448691") or ("5850490") or ("6052198") or ("6349302") or ("6651069") or ("4969093") or ("5701451") or ("5710918") or ("5721908") or ("5745754") or ("5748805") or ("5752246") or ("5761663") or ("5793964") or ("5974441") or ("5978819") or ("6009436") or ("6021202") or ("6085196") or ("6094655") or ("6154754") or ("6209095") or ("6332135") or ("6336105") or ("6338050") or ("5553143") or ("5357631") or ("5355444") or ("5649408") or ("6175820") or ("5875443") or ("5970492") or ("6253193).pn.") or ("6341352") or ("6363488") or ("6389402") or ("6427140") or ("5909545") or ("6430563") or ("5784562") or ("6204851") or ("5995756") or ("6836857") or ("5781732") or ("6141008") or ("6151606") or ("4985302") or ("6269474") or ("6671853") or ("6684216") or ("6725426") | OR | OFF | 2005/12/05 14:10 | |
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| S29 | 283 | (((("6847999") or ("6886169") or ("6901431") or ("6901441") or ("6907455") or ("6934740") or ("6938079") or ("6948133") or ("6952800") or ("6954896") or ("5838911") or ("6006279") or ("5845075") or ("5870767") or ("6088708") or ("5557720") or ("5790793") or ("5940846") or ("5991782") or ("6009459") or ("6061696") or ("6061696") or ("6065048") or ("6148312") or ("6157930") or ("6185584") or ("6199080") or ("6393442") or ("6396500") or ("6456305") or ("6715129") or ("6167441") or ("6324551") or ("6810392") or ("5553216") or ("5960383") or ("6052710") or ("6061695") or ("6061695") or ("6064977") or ("6565609") or ("6006228") or ("6189000") or ("6463440") or ("6487566") or ("6523062") or ("6589291") or ("6725231") or ("6792577") or ("6799299).pn.") or ("6874146") or ("6920607") or ("6931532") or ("6941459") or ("6950984") or ("6950985") or ("5680632") or ("5289578") or ("5537596") or ("6092100") or ("6854120") or ("5617518") or ("4875159") or ("5682468") or ("5903265") or ("5909568") or ("5910804") or ("5977966") or ("6031534") or ("6198487") or ("6198739") or ("6903845") or ("6480865") or ("6613098") or ("5671417") or ("5572668") or ("5940075") or ("6249794") or ("6880125") or ("6446256") or ("6226626") or ("6226626") or ("5511148") or ("5748807") or ("6047093") or ("6064994") or ("4319745") or ("4345314") or ("4513391") or ("4873426") or ("4964070") or ("5204811") or ("5311595") or ("5361134") or ("5388194") or ("5390262") or ("5428787") or ("5432899") or ("5459579") or ("5465299).pn.") or ("5490217") or ("5495565") or ("5530794") or ("5586235") or ("5598482") or ("5646744") or ("H001677") or ("5671428") or ("5685003") or ("5694494") or ("5701498") or ("5737740") or ("5781915") or ("5793903") or ("5800181") or ("5806078") or ("5809496") or ("5818966") | OR | OFF | 2005/12/05 14:10 |
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| S30 | 569 | S28 OR S29 | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | AND | ON | 2005/12/05 14:10 |
| S31 | 15 | S23 S30 | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | AND | ON | 2005/12/05 14:11 |
| S32 | 16 | S27 OR S31 | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | AND | ON | 2005/12/05 14:28 |
| S33 | 2368 | ((markup OR mark-up OR "mark up") adj language) upgrade | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | AND | ON | 2005/12/05 14:31 |
| S34 | 1708 | ((markup OR mark-up OR "mark up") adj language) document upgrade | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | AND | ON | 2005/12/05 14:31 |
| S35 | 36 | ((markup OR mark-up OR "mark up") adj language) document upgrade ML | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | AND | ON | 2005/12/05 14:31 |
| S36 | 1104 | ((markup OR mark-up OR "mark up") adj language) document upgrade xML | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | AND | ON | 2005/12/05 14:32 |
| S37 | 15 | (((markup OR mark-up OR "mark up") ADJ language) WITH document) SAME upgrade xML | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | AND | ON | 2005/12/05 14:36 |

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| S38 | 1 | ((markup OR mark-up OR "mark up") ADJ language) WITH document) SAME upgrade xML infer\$ | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | AND | ON | 2005/12/05 14:36 |
| S39 | 0 | ("2003/0140132").URPN. | USPAT | AND | ON | 2005/12/05 14:40 |
| S40 | 17 | (US-20010056429-\$ or US-20020026461-\$ or US-20020032768-\$ or US-20030140132-\$).did. or (US-4514800-\$ or US-6061696-\$ or US-6487566-\$ or US-6507857-\$ or US-6565609-\$ or US-6691281-\$ or US-6725426-\$ or US-6779154-\$ or US-6792577-\$ or US-6829745-\$ or US-6889360-\$ or US-6941511-\$).did. or (US-4514800-\$).did. | US-PGPUB; USPAT; DERWENT | AND | ON | 2005/12/05 14:51 |
| S41 | 2 | ("2002/0032768").URPN. | USPAT | AND | ON | 2005/12/05 14:57 |
| S42 | 2 | ("2002/0032768").URPN. | USPAT | AND | ON | 2005/12/05 15:13 |
| S43 | 0 | (automatic upgrade) WITH (structured OR markup) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | AND | ON | 2005/12/05 16:05 |
| S44 | 364 | (715/523).CCLS. | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2005/12/05 18:31 |
| S45 | 2 | (("10761578") or ("6901403")).PN. | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2005/12/05 18:31 |
| S46 | 2 | ("6901403").PN. | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2005/12/05 18:32 |
| S47 | 0 | ("10761578").PN. | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2005/12/05 18:32 |

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| S48 | 16 | (("20040205571") or ("20030120671") or ("20040117769") or ("20030237046") or ("20030225829") or ("6342907") or ("20020158894") or ("6476828")).PN. | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2005/12/05 18:34 |
| S49 | 394 | (715/523).CCLS. | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2006/04/02 18:45 |
| S50 | 127 | ((("6583514") or ("4514800") or ("4674040") or ("4734777") or ("4815029") or ("4933880") or ("4962475") or ("5072412") or ("5187786") or ("5191645") or ("5204947") or ("5206951") or ("5237680") or ("5249275") or ("5274803") or ("5297249") or ("5297283") or ("5313646") or ("5333317") or ("5339423") or ("5339424") or ("5341478") or ("5369766") or ("5369778") or ("5377323") or ("5381547") or ("5408665") or ("5410688") or ("5434975).pn.") or ("(5440744") or ("5446842") or ("5459865") or ("5481722") or ("5504898") or ("5517655") or ("5535389") or ("5542070") or ("5550976") or ("5551035") or ("5572643") or ("5577252") or ("5581686") or ("5581760") or ("5608720") or ("5634121") or ("5640544") or ("5659729") or ("5664178") or ("5682536") or ("5689703") or ("5706501") or ("5740439") or ("5745683") or ("5758184") or ("5758358") or ("5761683") or ("5764984).pn.") or ("(5778372") or ("5781555") or ("5802304") or ("5815830") or ("5838906") or ("5842018") or ("5854630") or ("5963964") or ("5987480") or ("6016520).pn.")).PN. | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2006/04/02 18:45 |

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| S51 | 261 | (((("6026379") or ("6026416") or ("6044205") or ("6072870") or ("6078326") or ("6098081") or ("6108637") or ("6163772") or ("6235027") or ("6369840") or ("6421070") or ("6476833") or ("6493702") or ("6560640") or ("6578144") or ("6631357") or ("6678717") or ("6774926") or ("6772139") or ("6751777") or ("6748385") or ("5806079") or ("5991710") or ("6122647") or ("6343302") or ("6389434") or ("6434564") or ("6477544") or ("6581061") or ("6081610") or ("6094657") or ("6108783") or ("6167521") or ("6253374") or ("6263313") or ("6275227") or ("6275599") or ("6292897") or ("6311271") or ("6321334") or ("6345256") or ("6345361") or ("6366912") or ("6473800") or ("6505300") or ("6546546") or ("6578144") or ("6609200") or ("6643684") or ("6691230") or ("6697944") or ("6701434") or ("6711679") or ("6195661") or ("6502103") or ("6442755") or ("6668369") or ("4641274).pn") or ("4910663") or ("5195183") or ("5313631") or ("5390325") or ("5436637") or ("5572648") or ("5602996") or ("5627979") or ("5721824") or ("5742504") or ("5761408") or ("5764985") or ("5798757") or ("5826265") or ("5835777") or ("5845077") or ("5845090") or ("5859973") or ("5864819") or ("5907704") or ("5911776") or ("5922072") or ("5940075") or ("5950010") or ("5999740") or ("6014135") or ("6031989") or ("6052710") or ("6054987") or ("6078327") or ("6084585") or ("6091417") or ("6151624") or ("6199204).pn.") or ("6216152") or ("6219698") or ("6253366") or ("6266810") or ("6282711") or ("6286033") or ("6297819") or ("6308179") or ("6327628") or ("6347323") or ("6349408") or ("6353926") or ("6357038") or ("6374402") or ("6381742") or ("6381743") or ("6393456") or ("6396488") or ("6408311") or ("6421656") or ("6434563") or ("6446110") or ("6460058") or ("6505230") or ("6507856") or ("6516322") | OR | OFF | 2006/04/02 18:45 |
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| S52 | 388 | S50 OR S51 | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | AND | ON | 2006/04/02 18:45 |
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| S53 | 289 | (((("6476833") or ("6249844") or ("6347323") or ("5916310") or ("5754308") or ("5812864") or ("5890176") or ("5251273") or ("5806062") or ("6182080") or ("6507857") or ("6199081") or ("6418448") or ("6070175") or ("5592588") or ("5765006") or ("6105021") or ("6907565") or ("6453329") or ("5369778") or ("5699102") or ("6163844") or ("5991760") or ("6134552") or ("6199071") or ("6829745") or ("6940953") or ("6941511") or ("6691281") or ("5511193") or ("5542086") or ("6286033") or ("6397219") or ("6466940") or ("6931590") or ("6961849") or ("6083276") or ("5214696") or ("6073166") or ("6560616") or ("5801679") or ("6070185") or ("5181255") or ("5596700") or ("5659676") or ("5659791") or ("5758358") or ("5848426") or ("5852684") or ("5897650).pn.") or ("5900874") or ("5907835") or ("6016492") or ("6101283") or ("6124856") or ("6373598") or ("6457013") or ("5189610") or ("5740405") or ("6249786") or ("5251129") or ("5586329") or ("5261080") or ("6393456") or ("5225978") or ("5228121") or ("5446837") or ("5448691") or ("5850490") or ("6052198") or ("6349302") or ("6651069") or ("4969093") or ("5701451") or ("5710918") or ("5721908") or ("5745754") or ("5748805") or ("5752246") or ("5761663") or ("5793964") or ("5974441") or ("5978819") or ("6009436") or ("6021202") or ("6085196") or ("6094655") or ("6154754") or ("6209095") or ("6332135") or ("6336105") or ("6338050") or ("5553143") or ("5357631") or ("5355444") or ("5649408") or ("6175820") or ("5875443") or ("5970492") or ("6253193).pn.") or ("6341352") or ("6363488") or ("6389402") or ("6427140") or ("5909545") or ("6430563") or ("5784562") or ("6204851") or ("5995756") or ("6836857") or ("5781732") or ("6141008") or ("6151606") or ("4985302") or ("6269474") or ("6671853") or ("6684216") or ("6725426") | OR | OFF | 2006/04/02 18:45 |
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| S54 | 283 | (((("6847999") or ("6886169") or ("6901431") or ("6901441") or ("6907455") or ("6934740") or ("6938079") or ("6948133") or ("6952800") or ("6954896") or ("5838911") or ("6006279") or ("5845075") or ("5870767") or ("6088708") or ("5557720") or ("5790793") or ("5940846") or ("5991782") or ("6009459") or ("6061696") or ("6061696") or ("6065048") or ("6148312") or ("6157930") or ("6185584") or ("6199080") or ("6393442") or ("6396500") or ("6456305") or ("6715129") or ("6167441") or ("6324551") or ("6810392") or ("5553216") or ("5960383") or ("6052710") or ("6061695") or ("6061695") or ("6064977") or ("6565609") or ("6006228") or ("6189000") or ("6463440") or ("6487566") or ("6523062") or ("6589291") or ("6725231") or ("6792577") or ("6799299).pn.") or ("6874146") or ("6920607") or ("6931532") or ("6941459") or ("6950984") or ("6950985") or ("5680632") or ("5289578") or ("5537596") or ("6092100") or ("6854120") or ("5617518") or ("4875159") or ("5682468") or ("5903265") or ("5909568") or ("5910804") or ("5977966") or ("6031534") or ("6198487") or ("6198739") or ("6903845") or ("6480865") or ("6613098") or ("5671417") or ("5572668") or ("5940075") or ("6249794") or ("6880125") or ("6446256") or ("6226626") or ("6226626") or ("5511148") or ("5748807") or ("6047093") or ("6064994") or ("4319745") or ("4345314") or ("4513391") or ("4873426") or ("4964070") or ("5204811") or ("5311595") or ("5361134") or ("5388194") or ("5390262") or ("5428787") or ("5432899") or ("5459579") or ("5465299).pn.") or ("5490217") or ("5495565") or ("5530794") or ("5586235") or ("5598482") or ("5646744") or ("H001677") or ("5671428") or ("5685003") or ("5694494") or ("5701498") or ("5737740") or ("5781915") or ("5793903") or ("5800181") or ("5806078") or ("5809496") or ("5818966") | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2006/04/02 18:45 |
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| S55 | 569 | S53 OR S54 | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | AND | ON | 2006/04/02 18:45 |
| S56 | 2 | ("5784555").PN. | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2006/04/02 18:45 |
| S57 | 571 | S55 OR S56 | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | AND | ON | 2006/04/02 18:45 |
| S58 | 0 | (2001/0056429).CCLS. | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2006/04/02 18:45 |
| S59 | 2 | ("20010056429").PN. | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2006/04/02 18:45 |
| S60 | 14 | ((("20010056429") or (("20020032768") or (("20030158897") or (("20020026461") or (("20020057297") or (("20020174147") or (("20030120659"))).PN. | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2006/04/02 18:45 |
| S61 | 585 | S57 OR S60 | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | AND | ON | 2006/04/02 18:45 |

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| S62 | 289 | (((("6476833") or ("6249844") or ("6347323") or ("5916310") or ("5754308") or ("5812864") or ("5890176") or ("5251273") or ("5806062") or ("6182080") or ("6507857") or ("6199081") or ("6418448") or ("6070175") or ("5592588") or ("5765006") or ("6105021") or ("6907565") or ("6453329") or ("5369778") or ("5699102") or ("6163844") or ("5991760") or ("6134552") or ("6199071") or ("6829745") or ("6940953") or ("6941511") or ("6691281") or ("5511193") or ("5542086") or ("6286033") or ("6397219") or ("6466940") or ("6931590") or ("6961849") or ("6083276") or ("5214696") or ("6073166") or ("6560616") or ("5801679") or ("6070185") or ("5181255") or ("5596700") or ("5659676") or ("5659791") or ("5758358") or ("5848426") or ("5852684") or ("5897650).pn.") or ("5900874") or ("5907835") or ("6016492") or ("6101283") or ("6124856") or ("6373598") or ("6457013") or ("5189610") or ("5740405") or ("6249786") or ("5251129") or ("5586329") or ("5261080") or ("6393456") or ("5225978") or ("5228121") or ("5446837") or ("5448691") or ("5850490") or ("6052198") or ("6349302") or ("6651069") or ("4969093") or ("5701451") or ("5710918") or ("5721908") or ("5745754") or ("5748805") or ("5752246") or ("5761663") or ("5793964") or ("5974441") or ("5978819") or ("6009436") or ("6021202") or ("6085196") or ("6094655") or ("6154754") or ("6209095") or ("6332135") or ("6336105") or ("6338050") or ("5553143") or ("5357631") or ("5355444") or ("5649408") or ("6175820") or ("5875443") or ("5970492") or ("6253193).pn.") or ("6341352") or ("6363488") or ("6389402") or ("6427140") or ("5909545") or ("6430563") or ("5784562") or ("6204851") or ("5995756") or ("6836857") or ("5781732") or ("6141008") or ("6151606") or ("4985302") or ("6269474") or ("6671853") or ("6684216") or ("6725426") | OR | OFF | 2006/04/02 18:45 |
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| S63 | 283 | (((("6847999") or ("6886169") or ("6901431") or ("6901441") or ("6907455") or ("6934740") or ("6938079") or ("6948133") or ("6952800") or ("6954896") or ("5838911") or ("6006279") or ("5845075") or ("5870767") or ("6088708") or ("5557720") or ("5790793") or ("5940846") or ("5991782") or ("6009459") or ("6061696") or ("6061696") or ("6065048") or ("6148312") or ("6157930") or ("6185584") or ("6199080") or ("6393442") or ("6396500") or ("6456305") or ("6715129") or ("6167441") or ("6324551") or ("6810392") or ("5553216") or ("5960383") or ("6052710") or ("6061695") or ("6061695") or ("6064977") or ("6565609") or ("6006228") or ("6189000") or ("6463440") or ("6487566") or ("6523062") or ("6589291") or ("6725231") or ("6792577") or ("6799299).pn.") or ("6874146") or ("6920607") or ("6931532") or ("6941459") or ("6950984") or ("6950985") or ("5680632") or ("5289578") or ("5537596") or ("6092100") or ("6854120") or ("5617518") or ("4875159") or ("5682468") or ("5903265") or ("5909568") or ("5910804") or ("5977966") or ("6031534") or ("6198487") or ("6198739") or ("6903845") or ("6480865") or ("6613098") or ("5671417") or ("5572668") or ("5940075") or ("6249794") or ("6880125") or ("6446256") or ("6226626") or ("6226626") or ("5511148") or ("5748807") or ("6047093") or ("6064994") or ("4319745") or ("4345314") or ("4513391") or ("4873426") or ("4964070") or ("5204811") or ("5311595") or ("5361134") or ("5388194") or ("5390262") or ("5428787") or ("5432899") or ("5459579") or ("5465299).pn.") or ("5490217") or ("5495565") or ("5530794") or ("5586235") or ("5598482") or ("5646744") or ("H001677") or ("5671428") or ("5685003") or ("5694494") or ("5701498") or ("5737740") or ("5781915") or ("5793903") or ("5800181") or ("5806078") or ("5809496") or ("5818966") | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2006/04/02 18:45 |
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| S64 | 569 | S62 OR S63 | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | AND | ON | 2006/04/02 18:45 |
| S65 | 2 | ("5784555").PN. | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2006/04/02 18:45 |
| S66 | 571 | S64 OR S65 | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | AND | ON | 2006/04/02 18:45 |
| S67 | 127 | ((("6583514") or ("4514800") or ("4674040") or ("4734777") or ("4815029") or ("4933880") or ("4962475") or ("5072412") or ("5187786") or ("5191645") or ("5204947") or ("5206951") or ("5237680") or ("5249275") or ("5274803") or ("5297249") or ("5297283") or ("5313646") or ("5333317") or ("5339423") or ("5339424") or ("5341478") or ("5369766") or ("5369778") or ("5377323") or ("5381547") or ("5408665") or ("5410688") or ("5434975").pn.") or ("(5440744") or ("5446842") or ("5459865") or ("5481722") or ("5504898") or ("5517655") or ("5535389") or ("5542070") or ("5550976") or ("5551035") or ("5572643") or ("5577252") or ("5581686") or ("5581760") or ("5608720") or ("5634121") or ("5640544") or ("5659729") or ("5664178") or ("5682536") or ("5689703") or ("5706501") or ("5740439") or ("5745683") or ("5758184") or ("5758358") or ("5761683") or ("5764984").pn.") or ("(5778372") or ("5781555") or ("5802304") or ("5815830") or ("5838906") or ("5842018") or ("5854630") or ("5963964") or ("5987480") or ("6016520).pn.")).PN. | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2006/04/02 18:45 |

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| S68 | 261 | (((("6026379") or ("6026416") or ("6044205") or ("6072870") or ("6078326") or ("6098081") or ("6108637") or ("6163772") or ("6235027") or ("6369840") or ("6421070") or ("6476833") or ("6493702") or ("6560640") or ("6578144") or ("6631357") or ("6678717") or ("6774926") or ("6772139") or ("6751777") or ("6748385") or ("5806079") or ("5991710") or ("6122647") or ("6343302") or ("6389434") or ("6434564") or ("6477544") or ("6581061") or ("6081610") or ("6094657") or ("6108783") or ("6167521") or ("6253374") or ("6263313") or ("6275227") or ("6275599") or ("6292897") or ("6311271") or ("6321334") or ("6345256") or ("6345361") or ("6366912") or ("6473800") or ("6505300") or ("6546546") or ("6578144") or ("6609200") or ("6643684") or ("6691230") or ("6697944") or ("6701434") or ("6711679") or ("6195661") or ("6502103") or ("6442755") or ("6668369") or ("4641274).pn") or ("4910663") or ("5195183") or ("5313631") or ("5390325") or ("5436637") or ("5572648") or ("5602996") or ("5627979") or ("5721824") or ("5742504") or ("5761408") or ("5764985") or ("5798757") or ("5826265") or ("5835777") or ("5845077") or ("5845090") or ("5859973") or ("5864819") or ("5907704") or ("5911776") or ("5922072") or ("5940075") or ("5950010") or ("5999740") or ("6014135") or ("6031989") or ("6052710") or ("6054987") or ("6078327") or ("6084585") or ("6091417") or ("6151624") or ("6199204).pn.") or ("6216152") or ("6219698") or ("6253366") or ("6266810") or ("6282711") or ("6286033") or ("6297819") or ("6308179") or ("6327628") or ("6347323") or ("6349408") or ("6353926") or ("6357038") or ("6374402") or ("6381742") or ("6381743") or ("6393456") or ("6396488") or ("6408311") or ("6421656") or ("6434563") or ("6446110") or ("6460058") or ("6505230") or ("6507856") or ("6516322")) | OR | OFF | 2006/04/02 18:45 |
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| S69 | 388 | S67 OR S68 | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | AND | ON | 2006/04/02 18:45 |
| S70 | 26 | S64 S69 | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | AND | ON | 2006/04/02 18:45 |
| S71 | 394 | (715/523).CCLS. | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2006/04/02 18:45 |
| S72 | 127 | ((("6583514") or ("4514800") or ("4674040") or ("4734777") or ("4815029") or ("4933880") or ("4962475") or ("5072412") or ("5187786") or ("5191645") or ("5204947") or ("5206951") or ("5237680") or ("5249275") or ("5274803") or ("5297249") or ("5297283") or ("5313646") or ("5333317") or ("5339423") or ("5339424") or ("5341478") or ("5369766") or ("5369778") or ("5377323") or ("5381547") or ("5408665") or ("5410688") or ("5434975").pn.) or ("5440744") or ("5446842") or ("5459865") or ("5481722") or ("5504898") or ("5517655") or ("5535389") or ("5542070") or ("5550976") or ("5551035") or ("5572643") or ("5577252") or ("5581686") or ("5581760") or ("5608720") or ("5634121") or ("5640544") or ("5659729") or ("5664178") or ("5682536") or ("5689703") or ("5706501") or ("5740439") or ("5745683") or ("5758184") or ("5758358") or ("5761683") or ("5764984").pn.) or ("5778372") or ("5781555") or ("5802304") or ("5815830") or ("5838906") or ("5842018") or ("5854630") or ("5963964") or ("5987480") or ("6016520").pn.)).PN. | OR | OFF | 2006/04/02 18:45 | |

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| S73 | 261 | (((("6026379") or ("6026416") or ("6044205") or ("6072870") or ("6078326") or ("6098081") or ("6108637") or ("6163772") or ("6235027") or ("6369840") or ("6421070") or ("6476833") or ("6493702") or ("6560640") or ("6578144") or ("6631357") or ("6678717") or ("6774926") or ("6772139") or ("6751777") or ("6748385") or ("5806079") or ("5991710") or ("6122647") or ("6343302") or ("6389434") or ("6434564") or ("6477544") or ("6581061") or ("6081610") or ("6094657") or ("6108783") or ("6167521") or ("6253374") or ("6263313") or ("6275227") or ("6275599") or ("6292897") or ("6311271") or ("6321334") or ("6345256") or ("6345361") or ("6366912") or ("6473800") or ("6505300") or ("6546546") or ("6578144") or ("6609200") or ("6643684") or ("6691230") or ("6697944") or ("6701434") or ("6711679") or ("6195661") or ("6502103") or ("6442755") or ("6668369") or ("4641274).pn") or ("4910663") or ("5195183") or ("5313631") or ("5390325") or ("5436637") or ("5572648") or ("5602996") or ("5627979") or ("5721824") or ("5742504") or ("5761408") or ("5764985") or ("5798757") or ("5826265") or ("5835777") or ("5845077") or ("5845090") or ("5859973") or ("5864819") or ("5907704") or ("5911776") or ("5922072") or ("5940075") or ("5950010") or ("5999740") or ("6014135") or ("6031989") or ("6052710") or ("6054987") or ("6078327") or ("6084585") or ("6091417") or ("6151624") or ("6199204).pn.") or ("6216152") or ("6219698") or ("6253366") or ("6266810") or ("6282711") or ("6286033") or ("6297819") or ("6308179") or ("6327628") or ("6347323") or ("6349408") or ("6353926") or ("6357038") or ("6374402") or ("6381742") or ("6381743") or ("6393456") or ("6396488") or ("6408311") or ("6421656") or ("6434563") or ("6446110") or ("6460058") or ("6505230") or ("6507856") or ("6516322") | OR | OFF | 2006/04/02 18:45 |
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| S74 | 388 | S72 OR S73 | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | AND | ON | 2006/04/02 18:45 |
| S75 | 1 | S71 S74 | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | AND | ON | 2006/04/02 18:45 |

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| S76 | 289 | (((("6476833") or ("6249844") or ("6347323") or ("5916310") or ("5754308") or ("5812864") or ("5890176") or ("5251273") or ("5806062") or ("6182080") or ("6507857") or ("6199081") or ("6418448") or ("6070175") or ("5592588") or ("5765006") or ("6105021") or ("6907565") or ("6453329") or ("5369778") or ("5699102") or ("6163844") or ("5991760") or ("6134552") or ("6199071") or ("6829745") or ("6940953") or ("6941511") or ("6691281") or ("5511193") or ("5542086") or ("6286033") or ("6397219") or ("6466940") or ("6931590") or ("6961849") or ("6083276") or ("5214696") or ("6073166") or ("6560616") or ("5801679") or ("6070185") or ("5181255") or ("5596700") or ("5659676") or ("5659791") or ("5758358") or ("5848426") or ("5852684") or ("5897650).pn.") or ("5900874") or ("5907835") or ("6016492") or ("6101283") or ("6124856") or ("6373598") or ("6457013") or ("5189610") or ("5740405") or ("6249786") or ("5251129") or ("5586329") or ("5261080") or ("6393456") or ("5225978") or ("5228121") or ("5446837") or ("5448691") or ("5850490") or ("6052198") or ("6349302") or ("6651069") or ("4969093") or ("5701451") or ("5710918") or ("5721908") or ("5745754") or ("5748805") or ("5752246") or ("5761663") or ("5793964") or ("5974441") or ("5978819") or ("6009436") or ("6021202") or ("6085196") or ("6094655") or ("6154754") or ("6209095") or ("6332135") or ("6336105") or ("6338050") or ("5553143") or ("5357631") or ("5355444") or ("5649408") or ("6175820") or ("5875443") or ("5970492") or ("6253193).pn.") or ("6341352") or ("6363488") or ("6389402") or ("6427140") or ("5909545") or ("6430563") or ("5784562") or ("6204851") or ("5995756") or ("6836857") or ("5781732") or ("6141008") or ("6151606") or ("4985302") or ("6269474") or ("6671853") or ("6684216") or ("6725426") | OR | OFF | 2006/04/02 18:45 | |
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| S77 | 283 | (((("6847999") or ("6886169") or ("6901431") or ("6901441") or ("6907455") or ("6934740") or ("6938079") or ("6948133") or ("6952800") or ("6954896") or ("5838911") or ("6006279") or ("5845075") or ("5870767") or ("6088708") or ("5557720") or ("5790793") or ("5940846") or ("5991782") or ("6009459") or ("6061696") or ("6061696") or ("6065048") or ("6148312") or ("6157930") or ("6185584") or ("6199080") or ("6393442") or ("6396500") or ("6456305") or ("6715129") or ("6167441") or ("6324551") or ("6810392") or ("5553216") or ("5960383") or ("6052710") or ("6061695") or ("6061695") or ("6064977") or ("6565609") or ("6006228") or ("6189000") or ("6463440") or ("6487566") or ("6523062") or ("6589291") or ("6725231") or ("6792577") or ("6799299).pn.") or ("6874146") or ("6920607") or ("6931532") or ("6941459") or ("6950984") or ("6950985") or ("5680632") or ("5289578") or ("5537596") or ("6092100") or ("6854120") or ("5617518") or ("4875159") or ("5682468") or ("5903265") or ("5909568") or ("5910804") or ("5977966") or ("6031534") or ("6198487") or ("6198739") or ("6903845") or ("6480865") or ("6613098") or ("5671417") or ("5572668") or ("5940075") or ("6249794") or ("6880125") or ("6446256") or ("6226626") or ("6226626") or ("5511148") or ("5748807") or ("6047093") or ("6064994") or ("4319745") or ("4345314") or ("4513391") or ("4873426") or ("4964070") or ("5204811") or ("5311595") or ("5361134") or ("5388194") or ("5390262") or ("5428787") or ("5432899") or ("5459579") or ("5465299).pn.") or ("5490217") or ("5495565") or ("5530794") or ("5586235") or ("5598482") or ("5646744") or ("H001677") or ("5671428") or ("5685003") or ("5694494") or ("5701498") or ("5737740") or ("5781915") or ("5793903") or ("5800181") or ("5806078") or ("5809496") or ("5818966") | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2006/04/02 18:45 |
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| S78 | 569 | S76 OR S77 | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | AND | ON | 2006/04/02 18:45 |
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| S80 | 16 | S75 OR S79 | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | AND | ON | 2006/04/02 18:45 |
| S81 | 2574 | ((markup OR mark-up OR "mark up") adj language) upgrade | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | AND | ON | 2006/04/02 18:45 |
| S82 | 1845 | ((markup OR mark-up OR "mark up") adj language) document upgrade | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | AND | ON | 2006/04/02 18:45 |
| S83 | 39 | ((markup OR mark-up OR "mark up") adj language) document upgrade ML | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | AND | ON | 2006/04/02 18:45 |
| S84 | 1207 | ((markup OR mark-up OR "mark up") adj language) document upgrade xML | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | AND | ON | 2006/04/02 18:45 |
| S85 | 17 | (((markup OR mark-up OR "mark up") ADJ language) WITH document) SAME upgrade xML | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | AND | ON | 2006/04/02 18:45 |

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| S86 | 1 | ((markup OR mark-up OR "mark up") ADJ language) WITH document) SAME upgrade xML infer\$ | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | AND | ON | 2006/04/02 18:45 |
| S87 | 2 | ("2003/0140132").URPN. | USPAT | AND | ON | 2006/04/02 18:45 |
| S88 | 17 | (US-20010056429-\$ or US-20020026461-\$ or US-20020032768-\$ or US-20030140132-\$).did. or (US-4514800-\$ or US-6061696-\$ or US-6487566-\$ or US-6507857-\$ or US-6565609-\$ or US-6691281-\$ or US-6725426-\$ or US-6779154-\$ or US-6792577-\$ or US-6829745-\$ or US-6889360-\$ or US-6941511-\$).did. or (US-4514800-\$).did. | US-PGPUB; USPAT; DERWENT | AND | ON | 2006/04/02 18:45 |
| S89 | 3 | ("2002/0032768").URPN. | USPAT | AND | ON | 2006/04/02 18:45 |
| S90 | 3 | ("2002/0032768").URPN. | USPAT | AND | ON | 2006/04/02 18:45 |
| S91 | 1 | (automatic upgrade) WITH (structured OR markup) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | AND | ON | 2006/04/02 18:45 |
| S92 | 394 | (715/523).CCLS. | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2006/04/02 18:45 |
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| S95 | 0 | ("10761578").PN. | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2006/04/02 18:45 |

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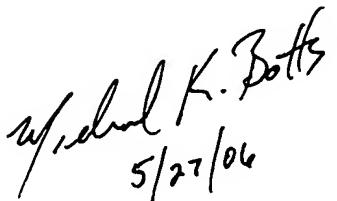
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EAST Search History

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| S99 | 151 | (715/523).CCLS. | US-PGPUB | OR | OFF | 2006/04/02 19:06 |
| S100 | 19 | (US-20020026461-\$ or US-20020032768-\$ or US-20010056429-\$ or US-20030140132-\$).did. or (US-6832366-\$ or US-6792577-\$ or US-6889360-\$ or US-6691281-\$ or US-6565609-\$ or US-6725426-\$ or US-4514800-\$ or US-6829745-\$ or US-6941511-\$ or US-6061696-\$ or US-6487566-\$ or US-6779154-\$ or US-6507857-\$ or US-6279015-\$).did. or (US-4514800-\$).did. | US-PGPUB; USPAT; DERWENT | AND | ON | 2006/04/02 19:11 |
| S101 | 1351 | (715/513).CCLS. | US-PGPUB | OR | OFF | 2006/04/02 19:11 |
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| S103 | 56 | ("4530052" "4665501" "4747040" "4970639" "5036484" "5063500" "5134580" "5136709" "5179703" "5278973").PN. OR ("5412772").URPN. | US-PGPUB; USPAT; USOCR | AND | ON | 2006/05/24 09:58 |


 Michael K. Botts
 5/27/06